

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: December 2, 2009

(use as many sheets as necessary)

Sheet 1

of

1

**Complete if Known**

<b>Application Number</b>	10/582,360
<b>Filing Date</b>	12/13/2004
<b>First Named Inventor</b>	Akihiko SUGIYAMA
<b>Art Unit</b>	2626
<b>Examiner Name</b>	Greg BORSETTI
<b>Attorney Docket Number</b>	040447-0283

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/G.B./	A1	US-2006/0173577 A1	08-03-2006	TAKEDA et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					T <sup>6</sup>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
/G.B./	A2	HIROSHI G. OKUNO ET AL., "Human-Robot Interaction Through Real-Time Auditory and Visual Multiple-Talker Tracking," Proceedings of the 2001 IEEE/RSJ International Conference on Intelligent Robots and Systems, October 2001, pp. 1402-1409	
/G.B./	A3	MICHITA IMAI ET AL., "Physical Relation and Expression: Joint Attention for Human-Robot Interaction," IEEE International Workshop on Robot and Human Interactive Communication, September 2001, pp. 512-517	
/G.B./	A4	MICHITA IMAI ET AL., "Robot Mediated Round Table: Analysis of The Effect of Robot's Gaze," Proceedings of the 2002 IEEE Int. Workshop on Robot and Human Interactive Communication, September 2002, pp. 411-416	
/G.B./	A5	KAZUHIRO NAKADAI ET AL., "Robot Recognizes Three Simultaneous Speech By Active Audition," Proceedings of the 2003 IEEE International Conference on Robotics & Automation, September 2003, pp. 398-405	
/G.B./	A6	AKIHIKO SUGIYAMA ET AL., USPTO Office Action, 12/230,590, November 2, 2009, 12 pages	

Examiner Signature	/Greg Borsetti/	Date Considered	03/09/2010
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional); 2 See Krisis Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you believe to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.